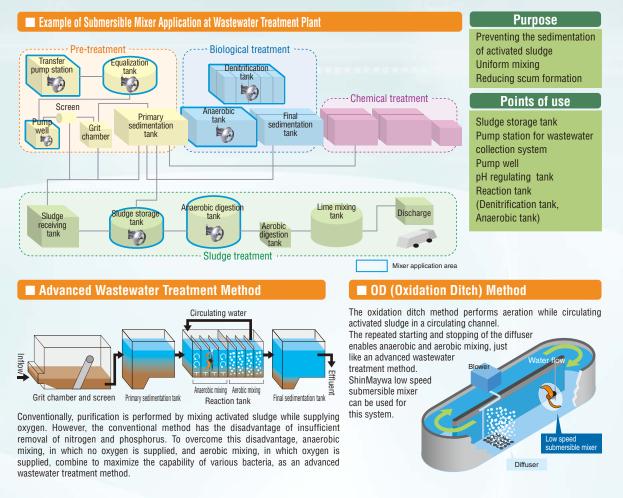
# Save energy with powerful mixing. Meet wide-ranging needs with various lineups



## ShinMaywa's submersible mixers can be installed anywhere.

With various lineups, we will address requirements for agitation, mixture and water flow generation in water-related facilities in all fields, including industry, water quality and the environment.

Each and every one of our products incorporates advanced technologies perfected by ShinMaywa through the development of our water treatment-related equipment.





For various examples of submersible mixers, refer to pages 26 and 27

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#### **Standard Specifications**

#### 50Hz Specifications

| Model        | Rated<br>output<br>(kW) | No.of<br>poles | Phase | Synchronous<br>rotation speed<br>(min <sup>-1</sup> ) | Propeller<br>code | Propeller<br>diameter<br>(mm) | Power for<br>mixing clear<br>water (kW) | Flow<br>(m³ / min) | Thrust<br>(N) | Weight<br>(kg) |
|--------------|-------------------------|----------------|-------|---|-------------------|-------------------------------|---|--------------------|---------------|----------------|
| SM250        | 0.25                    | - 4            |       | 1,500   | _                 | 150                           | 0.21                                    | 1.8                | 53            | 20             |
| SM400        | 0.4                     |                | _     |   | _                 | 180                           | 0.33                                    | 2.7                | 80            | 23             |
| SM750        | 0.75                    |                |       |   | _                 |                               | 0.55                                    | 3.5                | 140           | 25             |
| SME750       | 0.75                    |                |       |   | _                 |                               | (0.66)*1                                |                    |               | 28             |
| SME15JA • JB | 1.5                     | 6              |       | 1,000   | 2513              | 254                           | 1.4                                     | 7.4                | 300           | 52             |
|              |                         |                |       |   | 2512              |                               | 1.0                                     | 6.5                | 230           |                |
|              |                         |                |       |   | 2511              |                               | 0.8                                     | 5.6                | 175           |                |
|              |                         |                |       |   | *3012             | - 300                         | 1.6                                     | 10.5               | 430           | - 54           |
| SME15A · B   |                         |                |       |   | 3011              |                               | 1.4                                     | 9.8                | 380           |                |
|              | 2.2                     | 4              | 3     | 1,500   | 2212              | 220                           | 1.8                                     | 6.4                | 300           | - 52           |
| SME22JA · JB |                         |                |       |   | 2211              |                               | 1.1                                     | 5.1                | 190           |                |
| SME28A • B   | 2.8                     | - 8            |       | 750   | 3513              | - 350                         | 2.1                                     | 15.0               | 650           | 93             |
|              |                         |                |       |   | 3512              |                               | 1.9                                     | 14.0               | 570           |                |
|              |                         |                |       |   | 3511              |                               | 1.6                                     | 13.0               | 490           |                |
|              |                         |                |       |   | 3515              |                               | 3.2                                     | 17.0               | 850           |                |
| SME40A · B   |                         |                |       |   | 3514              |                               | 2.6                                     | 16.0               | 750           |                |
|              |                         |                |       |   | 3513              |                               | 2.2                                     | 15.0               | 650           |                |
| SM50A · B    | 5                       | 10             |       | 600   | *512              | 525                           | 5.5                                     | 35.5               | 1,620         | 145            |
|              |                         |                |       |   | 513               |                               | 4.9                                     | 34.2               | 1,500         |                |
|              |                         |                |       |   | 514               |                               | 4.4                                     | 30.6               | 1,200         |                |
|              |                         |                |       |   | 515               |                               | 3.4                                     | 26.5               | 900           |                |
|              | 7.5                     |                |       |   | *510              |                               | 8.2                                     | 43.0               | 2,370         |                |
| SM75A∙B      |                         |                |       |   | 511               |                               | 7.4                                     | 40.0               | 2,050         |                |
|              |                         |                |       |   | 512               |                               | 6.4                                     | 35.5               | 1,620         | 1              |
| SM110A       | 8.8                     |                |       | 311   | 503               | 02 780                        | 7.2                                     | 63.4               | 2,600         | 330            |
| SM150A       | 13.5                    | 4              | 3     | 352   | 502               |                               | 10.4                                    | 71.5               | 3,300         |                |
|              | 15                      |                |       | 367   | 501               |                               | 11.8                                    | 74.7               | 3,600         |                |

\*1: Value in () shows consumption power for mixing clear water. \*2: Propeller code marked with ★ cannot be used in the liquid that contains a large amount of foreign objects or has a large specific gravity (1.03 or higher). •For mixers with motor rated output not specified in these tables, please contact us.

### 3,-SN/SNE series

#### 60Hz Specifications

| Model       | Rated<br>output<br>(kW) | No.of<br>poles | Phase | Synchronous<br>rotation speed<br>(min <sup>-1</sup> ) | Propeller<br>code | Propeller<br>diameter<br>(mm) | Power for<br>mixing clear<br>water (kW) | Flow<br>(m³ / min) | Thrust<br>(N) | Weight<br>(kg) |
|-------------|-------------------------|----------------|-------|---|-------------------|-------------------------------|---|--------------------|---------------|----------------|
| SM250       | 0.25                    | - 4            |       | 1,800   | _                 | 136                           | 0.22                                    | 1.5                | 44            | 20             |
| SM400       | 0.4                     |                | -     |   | _                 | 150                           | 0.32                                    | 2.0                | 60            | 23             |
| SM750       | 0.75                    |                |       |   | _                 | 100                           | 0.6                                     | 0.4                | 105           | 25             |
| SME750      | 0.75                    |                |       |   | _                 | 180                           | (0.7)*1                                 | 3.4                | 125           | 28             |
|             |                         |                |       | 1,200   | 2523              | 254                           | 1.3                                     | 7.4                | 300           | 52             |
| SME15JA ∙JB |                         |                |       |   | 2522              |                               | 1.0                                     | 6.5                | 230           |                |
|             | 1.5                     | 6              |       |   | 2521              |                               | 0.7                                     | 5.6                | 175           |                |
| SME15A · B  |                         |                |       |   | *3022             | 300                           | 1.7                                     | 10.5               | 430           | 54             |
| SIVIETSA·B  |                         |                |       |   | 3021              | 300                           | 1.5                                     | 9.8                | 380           | 54             |
| SME22JA ∙JB | 2.2                     | 4              | 3     | 1,800   | 2221              | 220                           | 1.8                                     | 5.8                | 250           | 52             |
|             | 2.8                     | - 8            |       | 900   | 3523              | 350                           | 2.3                                     | 15.0               | 650           | 93             |
| SME28A · B  |                         |                |       |   | 3522              |                               | 2.0                                     | 14.0               | 570           |                |
|             |                         |                |       |   | 3521              |                               | 1.7                                     | 13.0               | 490           |                |
|             | 4                       |                |       |   | 3525              |                               | 3.0                                     | 17.0               | 850           |                |
| SME40A · B  |                         |                |       |   | 3524              |                               | 2.6                                     | 16.0               | 750           |                |
|             |                         |                |       |   | 3523              |                               | 2.3                                     | 15.0               | 650           |                |
|             | 5                       | 12             |       | 600   | *512              | 525                           | 5.5                                     | 35.5               | 1,620         | 145            |
| SM50A • B   |                         |                |       |   | 513               |                               | 4.9                                     | 34.2               | 1,500         |                |
|             |                         |                |       |   | 514               |                               | 4.4                                     | 30.6               | 1,200         |                |
|             |                         |                |       |   | 515               |                               | 3.4                                     | 26.5               | 900           |                |
| SM75A+B     | 7.5                     |                |       |   | *510              |                               | 8.2                                     | 43.0               | 2,370         |                |
|             |                         |                |       |   | 511               |                               | 7.3                                     | 40.0               | 2,050         |                |
|             |                         |                |       |   | 512               |                               | 6.4                                     | 35.5               | 1,620         |                |
| SM110A      | 10.5                    | 4              | 0     | 328   | 602               | 780                           | 8.4                                     | 66.4               | 2,850         | - 330          |
| SM150A      | 15                      |                | 3     | 373   | 601               |                               | 12.4                                    | 75.7               | 3,700         |                |

\*1: Value in () shows consumption power for mixing clear water. \*2: Propeller code marked with \* cannot be used in the liquid that contains a large amount of foreign objects or has a large specific gravity (1.03 or higher).

•For mixers with motor rated output not specified in these tables, please contact us.